

In the Abstract

ABSTRACT

A spacer for positioned a boost unit in an engine compartment of a vehicle. The spacer is defined by a wall located between a front face and a rear face, bearing surfaces, an axial opening with a flange thereon, ribs that extend from the flange to define a plurality of radial slots, an axial slot that extends from the front face toward the rear face and a peripheral slot that connects the axial slot with the engine compartment. A base of a boot that surrounds a hub on the boost unit engages the front face to define a flow path from the engine compartment to the hub. Tabs on the spacer assure that the front face is aligned with the base while the radial ribs prevent the base from engaging the wall to assure that the size of flow path remains constant during the communication of air to the hub.